**Use case description**

**Use Case: User log in (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Prevent people with no username and password accessing the software to see and change the information of clients.

**Precondition:** The manager should have username and password.

**Summary:** The manager open the software, he/she should input the username and password to get a access permit to the software.

**Related use case:**

**Generalization of:** User name or password does not match

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Start the software | 2.Display the dialog to promote user to input user name and Password |
| 3a. Select text field after “User name” and input user name. |  |
| 3b. Select text field after “Password” and input password | 4. Log in to the software and display main menu |

**Postconditions: Manager log in to the software successfully**

**Use case: Username or password does not match (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Make sure only people input correct username and password can log in the software

**Summary:** When username or password does not match, display the error message and prompt user to input username and password again.

**Preconditions:** Wrong username or password was inputted

**Related use case:**

**Generalization:** User log in

Steps:

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.If the username or password does not match | 2. A dialog displayed to prompt the error ask input username and password again |
| 3a.If the username and password still does not match , repeat 1 |  |
| 3b.If the username and password match, log in to the software |  |

**Postconditions:** Correct username and password were inputted.

**Use Case: Choose template (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Simplify the information input process

**Summary:** When a template is chosen, all basic wedding information are all fulfilled automatically, user are free to change them.

**Preconditions:** There are several templates available in the system.

**Related use case:**

**Generalization:** Basic wedding information

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Template” command | 2.Several different template names are shown in the dropdown menu |
| 3.Select a template from the selection | 4.The template name is displayed in the “Template” field |
| 5.Click “OK” | 6. Remove dialog from display |

**Postconditions:** After a template is chosen, all basic wedding information are all fulfilled automatically.

**Use Case: Input note (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Record any information that is not included in the software.

**Summary:** When client has extra requirement that is not include in the software, manager can record all of them in the note.

**Preconditions:** Client has extra requirement

**Related use case:**

**Generalization:** Basic wedding information

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Note” command | 2. A text field is displayed, with remind that words number cannot be exceeded 200 |
| 3.Input texts in to the text field, after 200 word, not word can be inputted any more | 4. Inputted texts are displayed in the text field |
| |  | | --- | | 5.Click “OK” | | 6. Display “Your note is saved” |

**Postconditions:** Client’s extra requirements are recorded in the note.

**Use Case: Output invoice (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Output invoice

**Summary:** Output invoice to PDF or to printer

**Preconditions:** PDF reader are installed in the computer.Printer is connected with the computer.

**Related use cases:**

**Generalization:** Basic wedding information

**Includes:**

* Output invoice to PDF
* Output invoice to printer

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Invoice ” command | 2.Display the invoice on screen |
| 3.Choose output destination |  |
| 4.Confirm selection | 5.Remove dialog from display |

**Postconditions:** Invoice is outputted.

**Use Case: Output invoice to PDF (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Output invoice to PDF

**Summary:** Output invoice to PDF

**Preconditions:** PDF reader is installed in the computer

**Related use cases:**

**Included by**: Output invoice

**Generalization of:** Typing file name that already exist

Steps:

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Invoice ” command | 2.Display the invoice on screen |
| 3.Choose “Save as PDF” command | 4.Display “Save as” diagram |
| 4.Browse for saving destination |  |
| 5a.Select text field |  |
| 5b.Type file name |  |
| 6.Click “OK” | 7.Remove dialog from display |

**Postconditions:** Invoice is outputted to PDF.

**Use case: Typing file name that already exist (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Avoid file name conflicting

**Summary:** When try to save the file with the name that already exist in the folder, display error message and prompt user to input filename again

**Preconditions:** User input file name that already exist in the folder

**Related use cases:**

**Generalization:** Output invoice to PDF

Steps:

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.If the file name is already exist in the direction | 2.Pop up alarm to user of the conflict |
| 3.Type a new file name again |  |
| 4. Repeat step 1 until there is no file with same name in the same file folder |  |

**Postconditions:** Suitable filename is inputted

**Use Case: Output invoice to printer (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Output invoice to printer

**Summary:** Output invoice to printer

**Preconditions:** Printer is connected with computer

**Related use cases:**

**Specialization of:** Output invoice

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Invoice ” command | 2.Display the invoice on screen |
| 3.Choose “Print” command | 4.Display selectable printer |
| 4.Select a printer |  |
| 5.Click “OK” | 6. Remove dialog from display |

**Postconditions:** Invoice is outputted to printer

**Use case: Calendar (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** User can find date available fast. User can also find a specific date event fast.

**Summary:** Available data is highlighted in the calendar. User can get into a specific event by clicking the date

**Preconditions:** User need to be logged in to the software

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Calendar” command | 2.All the dates of the current month are displayed |
| 3.Click “left” or “right” arrow | 4. The dates of previous month or next month are displayed |
| 5.Choose a day by clicking corresponding date | 6. Get in the event page. Can see the details of the event and modify it. |

**Postconditions:** A specific date of event is shown

**Use Case: Payment record (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Record if client paid or not

**Summary:** No payment is set to be default. After the payment is paid, manager need to change it to “Yes” and choose the payment method

**Preconditions:** Payment is paid

**Related use cases:**

**Include:**

* Deposit payment
* Fully payment

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Payment” command | 2. Display choice of “Deposit” and “Fully payment” |
| 3.Choose “Deposit” or “Fully payment” | 4.The “Paid or not” is set to “No” by default |
| 5.Choose “Yes” from the dropdown menu | 6.”Payment method” is no more grey and can be chosen |
| 7.Choose a payment method from the dropdown menu | 8. Remove dialog from display |

**Postconditions:** Payment paid action is recorded

**Use case: Deposit payment (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Record the deposit payment

**Summary:** No payment is set to be default. After the payment is paid, manager need to change it to “Yes” and choose the payment method

**Preconditions:** Deposit is paid

**Related use cases:**

**Included by:**

Payment record

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Deposit” | 2.The “Paid or not” is set to “No” by default |
| 3.Choose “Yes” from the dropdown menu | 4.”Payment method” is no more grey and can be chosen |
| 5.Choose a payment method from the dropdown menu | 6. Remove dialog from display |

**Postconditions:** Deposit payment is recorded

**Use case: Fully payment (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Record the deposit payment

**Summary:** No payment is set to be default. After the payment is paid, manager need to change it to “Yes” and choose the payment method

**Preconditions:** Fully payment is paid

**Related use cases:**

**Included by:**

Payment record

**Steps:**

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Fully payment” | 2.The “Paid or not” is set to “No” by default |
| 3.Choose “Yes” from the dropdown menu | 4.”Payment method” is no more grey and can be chosen |
| 5.Choose a payment method from the dropdown menu | 6. Remove dialog from display |

**Postconditions:** Deposit payment is recorded

**Use case: Cost calculation (Author: Jie Hou)**

**Actor:** Catering manager

**Goals:** Calculate the wedding cost

**Summary:** The system calculate the cost automatically depending on your selection. Manager can add any extra fee to it.

**Preconditions:** Basic wedding information is filled out.

Steps:

|  |  |
| --- | --- |
| **Actor actions** | **System responses** |
| 1.Choose “Cost calculation” command | 2. A list of detailed cost and the total cost are calculated automatically and displayed. |
| 3. Choose “Add” command | 4. “Cost description” and “Cost” are displayed |
| 5a.Select text field after “Cost description” and input information |  |
| 5b. Select text field after “Cost” and input cost |  |
| 6. Click “OK” | 7. The dialog is removed from display. The items added are displayed on the list and the total cost is changed corresponded. |

**Postconditions:** Wedding cost is calculated.